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| shortest distance isosurface zero level set narr | Search |

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All Results

D Breen

R Whitaker

K Museth

A Barr

S Mauch

Level set surface editing operators - all 11 versions »
K Museth, DE Breen, RT Whitaker, AH Barr - ACM Transactions on Graphics, 2002 -
freepatentsonline.com
... operation, points on the **zero level set (iso-surface)** of the ... from the source have
the correct **shortest** path **distance**. ... the labeled vertex with minimum **distance**. ...
Cited by 102 - Related Articles - Cached - Web Search - BL Direct

A level-set approach for the metamorphosis of solid models - all 8 versions »
DE Breen, RT Whitaker - Visualization and Computer Graphics, IEEE Transactions on, 2001 -
ieeexplore.ieee.org
... deformable surface as a **level set (iso-surface)** of a ... **distance** transform), where the
shortest distance to the ... proportional to the signed **distance** transform of ...
Cited by 52 - Related Articles - Web Search

3 D Metamorphosis Between Different Types of Geometric Models - all 10 versions »
DE Breen, S Mauch, RT Whitaker, J Mao - Computer Graphics Forum, 2001 - Blackwell Synergy
... IR 3 that com- poses the k th **isosurface** of ... 23 The **distance** volume is generated in
a two step ... The rst step calculates the **shortest** dis- tanceto theCSG modelat ...
Cited by 11 - Related Articles - Web Search - BL Direct

Algorithms for Interactive Editing of Level Set Models - all 9 versions »
K Museth, DE Breen, RT Whitaker, S Mauch, D ... - Computer Graphics Forum, 2005 - Blackwell
Synergy
... **set** where each voxel stores the **shortest distance** to the ... are only interested in one
level set (iso-surface) embedded in the volume, **distance** information is ...
Cited by 3 - Related Articles - Web Search - BL Direct

USE OF THE PARTICLE LEVEL SET METHOD FOR ENHANCED RESOLUTION OF FREE SURFACE FLOWS
DP Enright - 2002 - math.ucla.edu
... If φ is a signed **distance** function, then the diffusion ... Our method randomly places
a **set** of marker particles near the interface (defined by the **zero level** ...
Cited by 3 - Related Articles - View as HTML - Web Search - Library Search

Deformable model with adaptive mesh and automated topology changes - all 7 versions »
JO Lachaud, B Taton - 3-D Digital Imaging and Modeling, 2003. 3DIM 2003. ..., 2003 -
ieeexplore.ieee.org
... only in **narrow band** around the **zero level** of [1 ... where Ů Ůμ denotes the Euclidean
distance between Ů ... the length of the longest and **shortest** edges allowed for ...
Cited by 3 - Related Articles - Web Search

White matter tractography by anisotropic wavefront evolution and diffusion tensors imaging - all 3 versions »
M Jackowski, CY Kao, M Qiu, RT Constable, LH Staib - Medical Image Analysis, 2005 -
bioimagesuite.org
... pro- vides a continuous solution to the **shortest**-path problem by ... 0, at a speed governed
by the **distance** from the ... time of arrival are assigned to **zero** (Step 1). ...
Cited by 5 - Related Articles - View as HTML - Web Search

Chapter 5 - all 4 versions »

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S26	47	(((level near set) with (surface)) same (deformat$4 or deform$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/06/26 17:44
S27	29	(((level near set) with (model or polygon$4 or mesh or lattice)) same (deformat$4 or deform$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/06/26 17:44
S28	1069	(345/420).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2007/06/26 17:43
S29	2893	(345/419).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2007/06/26 17:43
S30	0	S26 and S28	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/06/26 17:43
S31	1	S27 and S28	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/06/26 17:43
S32	3	S26 and S29	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/06/26 17:44
S33	1	S27 and S29	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/06/26 17:44
S34	53	(((level near set) same (model or polygon$4 or mesh or lattice)) same (deformat$4 or deform$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/06/26 17:44
S37	113	(((level near set) same (surface)) same (deformat$4 or deform$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/06/26 17:44

S38	42	S34 not S26	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/06/26 17:45
S39	98	S37 not S27	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/06/26 17:45
S40	1	S38 and S28	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/06/26 17:45
S41	1	S38 and S29	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/06/26 17:45
S42	0	S39 and S28	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/06/26 17:45
S43	2	S39 and S29	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/06/26 17:45
S44	3	((speed with function) same ((region$4 with constraint) or (filter near function))) and (level with set) and (polygon or mesh or primitive or nurb or "csg" or (solid near model$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/06/26 17:45
S45	1	((KEN) near2 (MUSETH)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/26 17:46
S46	4	((DAVID) near2 (BREEN)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/26 17:46
S47	0	S44 and S28	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/06/26 17:46
S48	0	S44 and S29	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/06/26 17:46
S50	1	((reset$4 or updat$4 or refresh$4 or reload$4) with (volum$4 or representation or model or mesh or "level set" or (level near set))) and ((isosurface$4 or (iso near surfac$4)) same (short$4 with distanc$4) same ((zero or "0") same narrow same band))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/06/28 10:27

S51	1	((reset$4 or updat$4 or refresh$4 or reload$4) with (volum$4 or representation or model or mesh or "level set" or (level near set))) and ((isosurface$4 or (iso near surfac$4)) same (short$4 with distanc$4) same ((zero or "0") same ("level set" or (level near set)) same narrow same band))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/06/28 10:26
S52	1	((reset$4 or updat$4 or refresh$4 or reload$4) same (volum$4 or representation or model or mesh or "level set" or (level near set))) and ((isosurface$4 or (iso near surfac$4)) same (short$4 with distanc$4) same ((zero or "0") same narrow same band))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/06/28 10:28
S53	1071	(345/420).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2007/06/28 10:27
S54	0	S50 and S53	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/06/28 10:27
S55	0	S51 and S53	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/06/28 10:27
S56	0	S52 and S53	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/06/28 10:27
S57	1	((reset$4 or updat$4 or refresh$4 or reload$4) same (volum$4 or representation or model or mesh or "level set" or (level near set))) and ((isosurface$4 or (iso near surfac$4)) same (short$4 with distanc$4) same (narrow same band))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/06/28 10:28
S60	20	((reset$4 or updat$4 or refresh$4 or reload$4) same (volum$4 or representation or model or mesh or "level set" or (level near set))) and ((isosurface$4 or (iso near surfac$4)) same (distanc$4) same (narrow same band)) and ("level set" or (level near set))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/06/28 10:29
S61	1	((reset$4 or updat$4 or refresh$4 or reload$4) same (volum$4 or representation or model or mesh or "level set" or (level near set))) and ((isosurface$4 or (iso near surfac$4)) same ((small$4 or short$4) with distanc$4) same (narrow same band)) and ("level set" or (level near set))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/06/28 10:29